

ABSTRACT OF THE DISCLOSURE

A current measuring circuit for a PWM driver. The current measuring device measures the high side and low side currents of a PWM driver circuit before the currents reach 5 the driver. A first measuring circuit measures the high side of the circuit and a second measuring circuit measures the low side of the circuit. The second measuring circuit also receives a signal from the first measuring circuit containing the current measurement measured by the first 10 circuit and the second circuit then adds this current to the second circuit current and transmits a signal of the summed currents to a receiving device.